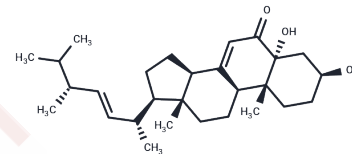


3 β ,5 α -Dihydroxyergosta-7,22-dien-6-one

Chemical Properties

CAS No. :	14858-07-2
Formula:	C ₂₈ H ₄₄ O ₃
Molecular Weight:	428.65
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	3 β ,5 α -Dihydroxy-(22E,24R)-ergosta-7,22-dien-6-one exhibits strong or moderate cytotoxic activities against MCF-7, A549, Hela and KB cell lines with IC ₅₀ values 4.98 (MCF-7), 1.95 (A549), 0.68(Hela), and 1.50 μ M (KB), respectively.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3329 mL	11.6645 mL	23.3291 mL
5 mM	0.4666 mL	2.3329 mL	4.6658 mL
10 mM	0.2333 mL	1.1665 mL	2.3329 mL
50 mM	0.0467 mL	0.2333 mL	0.4666 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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